10-26-06

PTO/SB/21 (24-04)
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TRANSMITTAL			Application Number	10/643,	061
IRA			Filing Date	8/18/20	03
	FORM		First Named Inventor	Mathias	et al.
(to be used for all o	(to be used for all correspondence after initial filing)			1745	
		E	Examiner Name	Ruthkos	sky
Total Number of Pag	es in This Submissior	, /	Attorney Docket Number	8540G-	000091
		ENCLOSI	JRES (check all that apply)		
Fee Transmittal	Form	Drawing(s	5)		Allowance Communication to nology Center (TC)
☐ Fee Attache	d	Licensing	-related Papers	Appe Appe	eal Communication to Board of eals and Interferences
Amendment / Re	eply	Petition			eal Communication to TC eal Notice, Brief, Reply Brief)
After Final		Provision	o Convert to a al Application	☐ Prop	rietary Information
Affidavits/de	claration(s)		Attorney, Revocation of Correspondence Address	☐ Statu	us Letter
Extension of Tim	e Request	Terminal	al Disclaimer  Other Enclosure(s)  (please identify below):		
Express Abandonment Request			est for Refund Form 1449 and Return umber of CD(s)		Form 1449 and Return Postcard
Information Discl	osure Statement	,			
Certified Copy of Document(s)	Priority	Remarks	fees that may be req	uired under	thorized to charge any additional 37 CFR 1.16 or 1.17 to Deposit te copy of this sheet is enclosed.
Response to Missincomplete Appli	sing Parts/ cation		7,0000111710707		
Response to Parts under 3 1.52 or 1.53	Missing 37 CFR				
	SIGNA	TURE OF AP	PLICANT, ATTORNEY,	OR AGEN	Γ
Firm or Individual name Harness, Dickey & Pierce, P.L.C			Attorney Name		Reg. No. 35,085
Signature Anna M Bud			le		
Date	October 25, 2006				
	CI	RTIFICATE	OF TRANSMISSION/MA	ILING	
I hereby certify that the Service with sufficier Alexandria, VA 22313	nt postage as first c	lass mail in a	nile transmitted to the USPTon envelope addressed to:	O or deposi Commission	ted with the United States Postal ner for Patents, P.O. Box 1450,
Typed or printed name	e Anna M. Budde	e		Express Mail Label No.	EV 757 778 202 US (10/25/2006)
Signature	anna V	n Buddi	·	Date	October 25, 2006
www. III palas					. —

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

HDP/SB/17 (02-06)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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F	EE	TR	AN	SMI	TT	<b>TAL</b>
		for	FY	200	6	

Effective 2/8/2006. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT 180

Signature

Complete if Known					
Application Number	10/643,061				
Filing Date	08/18/2003				
First Named Inventor	Mathias et al.				
Examiner Name	Chu				
Art Unit	1745				
Attornov Dooket No	8540G-000091 (GP-301332)				

METHOD OF PAYMENT (check all that apply)				-		FEE C	ALCULATION (continued)	
				DITIO	NAL FE	ES		
☐ Check ☐ Cr	redit card	☐ None	Large	e Entity	4 Sma	all Entity	!	
Deposit Accoun			Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description F	ee Paid
Deposit			1051	130	2051	65	Surcharge - late filing fee or oath	
Account Number	07-0960		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
			1053	130	1053	130	Non-English specification	
Deposit Account	Conord Motors Correspiles		1812	2,520	1812	2,520	For filing a request for reexamination	
Name	General Motors Corporation		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) ir	thorized to: (check all that apply) idicated below		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
	fitional fee(s) during the pendency of		1251	120	2251	60	Extension for reply within first month	
	ndicated below, except for the filing fied deposit account.	g fee	1252	450	2252	225	Extension for reply within second month	
	FEE CALCULATION		1253	1020	2253	510	Extension for reply within third month	
	LING FEE		1254	1,590	2254	795	Extension for reply within fourth month	
	Small Entity		1255	2,160	2255	1080	Extension for reply within fifth month	
	ee Fee <u>Fee Description</u> ode (\$)	Fee Paid	1401	500	2401	250	Notice of Appeal	
	011 150 Utility filing fee	T CC F AIG	1402	500	2402	250	Filing a brief in support of an appeal	$\vdash$
	012 100 Design filing fee		1403	1000	2403	500	Request for oral hearing	
	013 100 Plant filing fee		1452	500	2452	250	Petition to revive – unavoidable	
	014 150 Reissue filing fee		1453	1500	2453	750	Petition to revive – unintentional	
	005 100 Provisional filling fee		1462	400	1462	400	Petition fee under 37 CFR 1.17(f)	
			1463	200	1463	200	Petition fee under 37 CFR 1.17(g)	
	SUBTOTAL (1)	(\$) 0	1464	130	1464	130	Petition fee under 37 CFR 1.17(h)	
2 EVEDACIAL	M FEES FOR UTILITY AND R	FIGOUE	1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	$\vdash$
Z. EXTRA CLAI			1807	50	1007	30	Submission of Information Disclosure	
Total Claims	Extra Fee fro	Paid = 0	1806	180	1806	180	Stmt	180
Independent Claims	- " = 0 x	= 0	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
Multiple		= 0	1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
Dependent  Large Entity	Small Entity		1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
Fee Fee Code (\$)	Fee Fee Code (\$)		1801	790	2801	395	Request for Continued Examination (RCE)	
1202 50	2202 25 Claims in excess		Other fo	ee (spec	ify)	_	(10 <u>-</u> )	
1201 200	2201 100 Independent clain		*Redu	ced by	Basic Fili	ng Fee	Paid SUBTOTAL (3) (\$)180	$\top$
1203 360	•	nt claim, if not paid		•		-	ON FEES	·
1204 200	2204 100 Reissue indepe	ndent claims over	1111	500	2111	250	Utility Search Fee	
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	<u> </u>		1312	130	2312	65	Design Examination Fee	
			1313	160	2313	80	Plant Examination Fee	
				600	2314	300	Reissue Examination Fee	
**or number previou	usly paid, if greater; For Reissues, see ab	ove			1		SUBTOTAL (4) (\$)0	
SUBMITTED BY		Г				—-т	Complete (if applicable)	
Name (Print/Tyne)	Anna M Budde	Registration No.		25	085	- 1	Telephone (248) 641-1600	

Date

October 25, 2006



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

10/643,061

Filing Date:

August 18, 2003

Applicant:

Mathias et al.

Group Art Unit:

1745

Examiner:

Helen O. Chu

Title:

DIFFUSION MEDIA FOR USE IN A PEM FUEL CELL

Attorney Docket:

8540G-000091 (GP-301332)

Director of the United States Patent and Trademark Office P.O. Box 1450

Alexandria, VA 22313-1450

#### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

## I. <u>LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION</u>

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

#### II. COPIES

A. Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed, other than U.S. patents and U.S. patent application publications unless required by the Office; (iii) each unpublished U.S. application listed below in Section IV (i.e., including the specification, claims, and any drawing of the application, or that portion of the application which caused it to be listed, including any claims directed to that portion), except for such applications filed on or after June 30, 2003, pursuant to the Waiver of the Copy Requirement in 37 C.F.R. 1.98 (OG Notice dated October 19, 2004); and (iv) all other information or that portion which caused it to be listed.

10/27/2006 AWONDAF1 00000017 070960 10643061

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•	B. Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:
	U.S. Serial Number U.S. Filing Date
	C. This is a PCT application in the entry of the National Phase in the United States. A copy of the International Search Report is attached for the Examiner's information. The documents listed on the International Search report are listed on the attached Form 1449 for consideration by the Examiner and for listing on any patent resulting from this application. If the International Search report was from the US, EPO, or JPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above-identified application. (MPEP 1893.03(g).)
III.	CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)
	A.   Except as may be indicated below in (B), all of the patents, publications or other information are in the English language (concise explanation not required).
	B. A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. § 1.98(a)(3)):
	1. See the attached foreign patent office communication from a counterpart foreign application:
	2. English translations are provided:
	3.  Other:
	C. $\boxtimes$ The following additional information is provided for the Examiner's consideration.
	See attached copy of International Search Report (PCT/US04/25159).

IV.	CROSS REFERENCE	TO RELATED APPLICA	ATION(S)	
	contain(s) subject ma bringing this(these) a	atter that may be relate	llowing co-pending applicated to the present application iner's attention, Applicant(s) U.S.C. § 122.	ı. By
	Serial No.	Filing Date	Inventor(s)	
V.	THIS IDS IS BEING F	ILED UNDER		
	A. 37 C.F.R. § 1.97	<b>(b):</b> (check <u>only</u> one box	)	
	than a continu		ate of a national application on under § 1.53(d) (37 C.fuired.	
		in an international applic	entry of the national stage ation (37 C.F.R. § 1.97(b)(2	
	1.97(b)(3)). No Office Action of under 37 C.F.F 1.97(e) below;	ofee or certification is real than the merits has been R. § 1.97(c) and see the or, if no certification has	Action on the merits (37 C. equired. In the event that issued, please consider this e certification under 37 C.F. been made, charge our das required by 37 C.F.R. § 1	a first is IDS F.R. § leposit
			Action after the filing of a re.R. § 1.114. No fee or certifi	
	B. 🗵 37 C.F.R. § 1.97	(c): (check only one box	)	
		of Allowance under 37	al Office Action under 37 C. C.F.R. § 1.311, or an actio	
	1. ⊠ No certific by 37 C.F.R. § <sup>2</sup>		the amount of \$180.00 is re	quired
	2. See the ce	ertification below. No fee	e is required.	

	C. 37 C.F.R. § 1.97(d):
	after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee.
	1. See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
√I.	CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box)
	The undersigned hereby certifies that:
	A.   each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(1)).   See further statement under 37 C.F.R. 1.704(d) below in section VII, if applicable; or
	B. no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)).
	C. some of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS.
√II.	STATEMENT UNDER 37 C.F.R. 1.704(d)
	The undersigned hereby states that:
	each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this IDS.

### VIII. PAYMENT OF FEES (check only one box, if applicable)

- A. A check in the amount of \$180.00 is enclosed for the above-identified fee.
- B.  $\boxtimes$  Please charge Deposit Account No. 07-0960 in the amount of \$180.00 for the above-identified fee. A duplicate copy of this paper is attached.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 07-0960.

The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has been made.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 07-0960.

Respectfully submitted,

By: Juna M Budde

Dated: October 25, 2006

Anna M. Budde Reg. No. 35,085

Harness, Dickey & Pierce, P.L.C. P.O. Box 828 Bloomfield Hills, Michigan 48303 (248) 641-1600



DP-1449 (Based on Form PTO-1449)

# PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET No.	SERIAL NO.		
8540G-000091 (GP-301332)	10/643,061		
APPLICANT			
Mathias et al.			
FILING DATE	GROUP		
August 18, 2003	1745		

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
<b>،</b> 1.		2005/0142430 A1	6/30/05	Yoshida et al.		
2.		6,638,883	10/28/03	Gaffney et al.		

FORE	IGN PATEN	IT DOCUMENTS					
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.				-			

OTHE	R DOCUME	NTS (including Author, Title, Date, Pertinent Pages, etc.)
Ref. Desig.	Examiner's Initials	
1.		

Examiner:	Date Considered:
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